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Contribution to the Knowledge of Carabidae Fauna of Turkey. Part 5: Brachinini (Coleoptera: Carabidae, Brachininae)

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A b s t r a c t : This study is based upon material of the tribus Brachinini collected from different localities of Turkey between 1976 and 2006. In this study, 11 species and subspecies belonged to two genera in the tribus Brachinini are recorded. Among them, *Brachinus crepitans* (LINNAEUS), *B. ejaculans* FISCHER VON WALDHEIM and *B. nigricornis* GEBLER were widespread species. In addition, new localities have been found for some species and subspecies which have already been reported in Turkey.

K e y w o r d s : Coleoptera, Carabidae, Brachininae, Brachinini, Fauna, Turkey.

Introduction

The first part of the Carabidae fauna of Turkey covered the tribus Harpalini (KESDEK & YILDIRIM 2003), the second part of the tribus Platynini (KESDEK & YILDIRIM 2004). The third part of the tribus Bembidiini (KESDEK & YILDIRIM 2007), the fourth part of the tribe Dryptini, Lebiini and Zuphiini (KESDEK & YILDIRIM 2007) and the fifth part includes the tribus Brachinini. The information related to the material and literature references were given in the first part. Provinces of the collected specimens are given in alphabetical order in the following list. The material is deposited in the Entomology Museum, Erzurum, Turkey (EMET).

Results

In this study, 11 species and subspecies of two genera belonged to of the tribus Brachinini of subfamily Brachininae of the family Carabidae were recorded from Turkey.

Genus *Aptinus* BONELLI 1810

Aptinus cordicollis creticus PIC 1903

M a t e r i a l e x a m i n e d : İçel: Tarsus, 50 m, 2.VIII.1984, ♂.

D i s t r i b u t i o n in Turkey: Anatolia (no locality) (CASALE & TAGLIANTI 1999).

Genus *Brachinus* WEBER 1801

Brachinus alexandri BOTTONI 1984

M a t e r i a l   e x a m i n e d : Iğdır: Tuzluca, Gaziler, 1020 m, 16.V.2005, ♀.

D i s t r i b u t i o n in Turkey: Anatolia (no locality) (CASALE & TAGLIANTI 1999).

Brachinus bayardi DEJEAN 1831

M a t e r i a l   e x a m i n e d : Bingöl: Karlıova, Köklü, 1600 m, 5.VI.2003, ♂, ♀.

D i s t r i b u t i o n in Turkey: Turkey (no locality) (CSIKI 1933a); Anatolia (no locality) (CASALE & TAGLIANTI 1999).

Brachinus bipustulatus QUENSEL IN SCHONHERR 1806

M a t e r i a l   e x a m i n e d : Erzurum: 2 km Southeast, 1970 m, 30.IV.2006, ♀, Aşkale, Ortabahçe, 1965 m, 4.VII.2005, ♂, ♀.

D i s t r i b u t i o n in Turkey: Turkey (no locality) (CSIKI 1933a); Anatolia (no locality) (CASALE & TAGLIANTI 1999).

Brachinus brevicollis MOTSCHULSKY 1844

M a t e r i a l   e x a m i n e d : Ardahan: Göle, 1900 m, 11.VI.2005, ♀; Erzincan: Tercan, Demirkapı, 1330 m, 25.V.2005, ♂; Erzurum: Tekederesi, 1900 m, 13.VI.2005, ♀, Karagöbek, 1860 m, 28.VI.2000, ♀, Horasan, Akçataş, 1870 m, 2.VI.2006, ♀, Ilıca, Atlıkonak, 1950 m, 11.VI.2000, ♀; Kars: Sarıkamış, Çardakçatı, 1350 m, 17.V.2005, 2♂♂, ♀, Karaurgan, 1760 m, 2.VI.2006, ♂, ♀.

D i s t r i b u t i o n in Turkey: Anatolia (no locality) (CASALE & TAGLIANTI 1999).

Brachinus crepitans (LINNAEUS 1758)

M a t e r i a l   e x a m i n e d : Ardahan: Göle, 1900 m, 11.VI.2005, ♀, 2010 m, 18.VIII.2004, ♂; Artvin: Şavşat, Düzenli, 1700 m, 11.VI.2005, ♀, Yavuzköy, 1680 m, 11.VI.2005, 2♂♂; Bingöl: Ilıcalar, İçpınar, Derik Hamlet, 1100 m, 28.V.2006, ♂; Erzincan: Tercan, Yaylacık, 1480 m, 23.V.2006, ♀, 1275 m, 24.V.2004, ♀, 1345 m, 25.VI.2005, ♀, Üzümlü, 1325 m, 24.V.2004, ♀; Erzurum: Dadaşköy, 1750 m, 17.VII.2004, ♂, Esendere, 6.V.2004, ♀, Karagöbek, 1870 m, 28.VI.2000, ♂, 2♀♀, Nenehatun, 1800 m, 21.IV.2002, ♂, 3♀♀, Aşkale, Pırnakapan, 1920 m, 14.X.2004, ♂, Ilıca, Atlıkonak, 1950 m, 11.VI.2000, 2♂♂, ♀, Tortum, Yumaklı, 1750 m, 18.V.1999, ♂, Uzundere, Yayla, 1800 m, 17.V.2004, 3♂♂; Kars: Sarıkamış, Soğukçeşme, 2100 m, 9.X.1998, ♂; Konya: Güneysınır, Gürağaç, 1020 m, 2.III.2002, 8 ♂♂, 9 ♀♀.

D i s t r i b u t i o n in Turkey: Turkey (no locality) (CSIKI 1933a); Anatolia (no locality) (CASALE & TAGLIANTI 1999).

Brachinus ejaculans FISCHER VON WALDHEIM 1828

M a t e r i a l   e x a m i n e d : Bingöl: Ilıcalar, İçpınar, Derik Hamlet, 1100 m, 28.V.2006, ♂, Karlıova, Bilaloğlu, 1330 m, 6.V.2003, ♀, Köklü, 1600 m, 5.VI.2003, 4♂♂, 2♀♀; Erzurum: Karagöbek, 1970 m, 28.VI.2000, ♂, ♀, Çat, Yukarıçat, 1880 m, 21.V.2004, 2♂♂, 3♀♀, Uzundere, Yayla Pass, 2350 m, 17.V.2004, ♀; Kars: Digor, Yeniköy, 1695 m, 4.V.2004, ♂; Sinop: Kadı, 455 m, 12.VII.1998, ♂, 3♀♀; Tunceli: Pülümür, 1760 m, 18.V.1976, ♂.

D i s t r i b u t i o n in Turkey: Turkey (no locality) (CSIKI 1933a); Anatolia (no locality) (CASALE & TAGLIANTI 1999).

Brachinus exhalans (ROSSI 1792)

M a t e r i a l e x a m i n e d : Erzurum: Karagöbek, 1950 m, 14.VI.1998, ♂.

D i s t r i b u t i o n in Turkey: Anatolia (no locality) (CASALE & TAGLIANTI 1999).

Brachinus explodens (DUFTSCHMID 1812)

M a t e r i a l e x a m i n e d : Bingöl: Karlıova, Aşağıelmalı, 1320 m, 10.VIII.2004, ♂; Erzincan: Tercan, Demirkapı, 1330 m, 25.V.2005, ♂, ♀; Erzurum: Aşkale, Ortabahçe, 1790 m, 1.IX.2004, ♀, Uzundere, Yayla Pass, 2350 m, 17.V.2005, ♂; Kars: Kağızman, Değirmendere, 1370 m, 17.V.2005, ♂.

D i s t r i b u t i o n in Turkey: Denizli (SAHLBERG 1912-1913); Eskişehir (Sarıcakaya) (YÜCEL & ŞAHIN 1988); Anatolia (no locality) (CASALE & TAGLIANTI 1999).

Brachinus nigricornis GEBLER 1828

M a t e r i a l e x a m i n e d : Bingöl: Ilıcalar, İçpınar, Derik Hamlet, 1100 m, 28.V.2006, ♂, Karlıova, Bilaloğlu, 1330 m, 6.V.2003, 2♂♂; Erzurum: Esendere, 2090 m, 14.V.2001, ♂, 15.V.2004, ♀, Karagöbek, 1960 m, 28.VI.2000, 3♂♂, 2♀♀, Nenehatun 1800 m, 10.V.2002, ♀, Aşkale, Pırnakapan, 1800 m, 27.V.2002, ♂, Çat, Yukarıçat, 21.V.2004, ♂, ♀, Ilıca, Atlıkonak, 1970 m, 11.VI.2000, 4♂♂, 2♀♀, Uzundere, Yayla, 1800 m, 17.V.2004, ♂, 3♀♀, 28.IX.2004, ♂, 2♀♀; Konya: Güneysınır, Gürağaç, 1021 m, 8.VII.2000, 3♂♂, ♀, 2.III.2002, ♂; Sinop: Kadı, 650 m, 15.VII.1998, ♂.

D i s t r i b u t i o n in Turkey: Anatolia (no locality) (CASALE & TAGLIANTI 1999).

Brachinus psophia AUDINER-SERVILLE 1821

M a t e r i a l e x a m i n e d : Erzurum: Aşkale, Ortabahçe, 1790 m, 1.IX.2004, ♂.

D i s t r i b u t i o n in Turkey: Anatolia (no locality) (CASALE & TAGLIANTI 1999).

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Zusammenfassung

Vorliegende Arbeit behandelt 11 Arten (aus 2 Gattungen) Carabidae der Tribus Brachinini, die im Zeitraum 1976 bis 2006 aus verschiedenen Orten der Türkei aufgesammelt wurden.

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